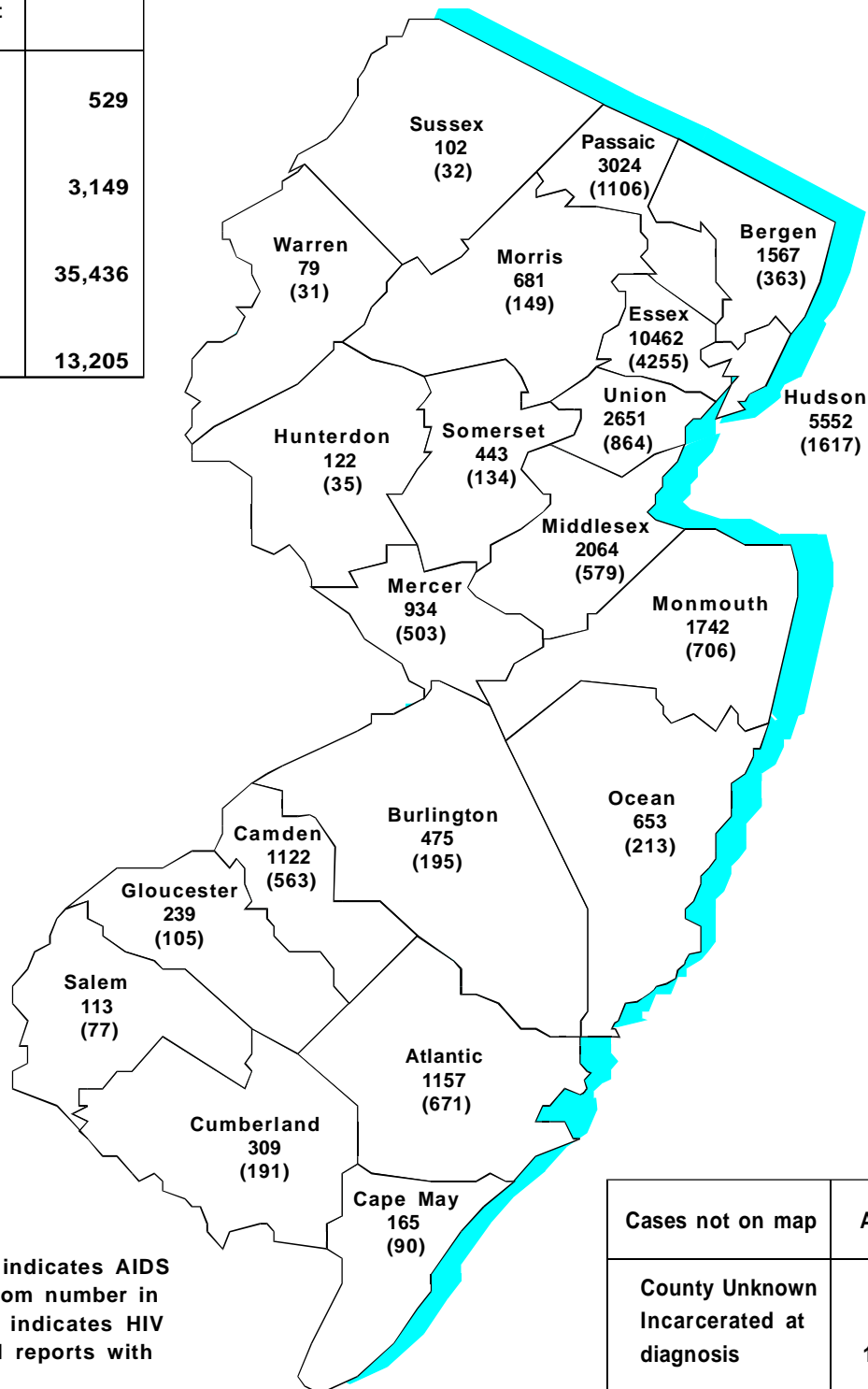


NEW JERSEY HIV/AIDS CASES

Reported as of December 31, 1997

HIV/AIDS Report Summary	
Current Quarter Increase-AIDS	529
Current Year Increase-AIDS	3,149
Cumulative Total AIDS	35,436
Cumulative Total HIV+ Only	13,205



Note: Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	33	42
Incarcerated at diagnosis	1,747	684

**Table 1. New Jersey AIDS Cases Reported January 1997-December 1997
and Cumulative Totals as of December 31, 1997
Age at Diagnosis, by Sex**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	9	0%	267	1%	5	0%	249	3%	14	0%	516	1%	48%
5-12	6	0%	77	0%	5	0%	85	1%	11	0%	162	0%	52%
13-19	9	0%	98	0%	6	1%	56	1%	15	0%	154	0%	36%
20-29	198	9%	3,373	13%	169	16%	1,844	19%	367	11%	5,217	15%	35%
30-39	873	40%	11,885	46%	449	44%	4,728	49%	1,322	41%	16,613	47%	28%
40-49	767	35%	7,342	29%	297	29%	2,035	21%	1,064	33%	9,377	26%	22%
Over 49	313	14%	2,700	10%	101	10%	697	7%	414	13%	3,397	10%	21%
Total	2,175	100%	25,742	100%	1,032	100%	9,694	100%	3,207	100%	35,436	100%	27%

**Table 2. AIDS Cases by State of Residence
Reported to CDC as of December 31, 1997**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE JUNE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	118,042	19%	2,061	25%	120,103	19%
California	104,201	16%	555	7%	104,756	16%
Florida	63,617	10%	1,289	16%	64,906	10%
Texas	44,164	7%	337	4%	44,501	7%
New Jersey	35,417	6%	693	9%	36,110	6%
Puerto Rico	20,241	3%	370	5%	20,611	3%
Illinois	20,165	3%	233	3%	20,398	3%
Pennsylvania	19,058	3%	265	3%	19,323	3%
Georgia	18,555	3%	179	2%	18,734	3%
Maryland	16,864	3%	274	3%	17,138	3%
Remainder of US	172,676	27%	1,830	23%	174,506	27%
Total	633,000	100%	8,086	100%	641,086	100%

**Table 3. New Jersey Pediatric (1) AIDS Cases by Mode of Transmission
Data as of December 31, 1997**

Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	2%
Mother With/At Risk of AIDS (3)	323	94%	318	95%	641	95%
Transfusion/Blood Components	8	2%	9	3%	17	3%
Other/Unknown	2	1%	7	2%	9	1%
Total	344	100%	334	100%	678	100%

(1) Includes all patients under 13 years of age at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1997-December 1997
and Cumulative Totals as of December 31, 1997
Mode of Transmission by Sex**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	490	23%	7,292	29%	0	0%	0	0%	490	15%	7,292	21%	0%
IDU (3)	783	36%	12,242	48%	352	34%	4,726	50%	1,135	36%	16,968	49%	28%
MSM/IDU	74	3%	1,391	5%	0	0%	0	0%	74	2%	1,391	4%	0%
Hemophilia	3	0%	163	1%	0	0%	2	0%	3	0%	165	0%	1%
Heterosexual	195	9%	1,383	5%	341	33%	3,012	32%	536	17%	4,395	13%	69%
Transfusion	11	1%	210	1%	13	1%	223	2%	24	1%	433	1%	52%
Other/Unknown	604	28%	2,717	11%	316	31%	1,397	15%	920	29%	4,114	12%	34%
Total	2,160	100%	25,398	100%	1,022	100%	9,360	100%	3,182	100%	34,758	100%	27%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) MSM = Male sex with male. IDU = Injection drug use.

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1997-December 1997
and Cumulative Totals as of December 31, 1997
Adjusted (2) Mode of Transmission by Sex**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1997-Dec. 1997		Cumulative Total		Jan. 1997-Dec. 1997		Cumulative Total		Jan. 1997-Dec. 1997		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	770	36%	8,550	34%	0	0%	0	0%	770	24%	8,550	25%	0%
IDU (4)	982	45%	13,137	52%	444	43%	5,134	55%	1,426	45%	18,271	53%	28%
MSM/IDU	97	4%	1,496	6%	0	0%	0	0%	97	3%	1,496	4%	0%
Heterosexual	265	12%	1,698	7%	530	52%	3,848	41%	795	25%	5,546	16%	69%
Blood Related	29	1%	438	2%	36	4%	328	4%	65	2%	766	2%	43%
Others	17	1%	78	0%	11	1%	50	1%	28	1%	128	0%	39%
Total (2)	2,160	100%	25,398	100%	1,022	100%	9,360	100%	3,182	100%	34,758	100%	27%

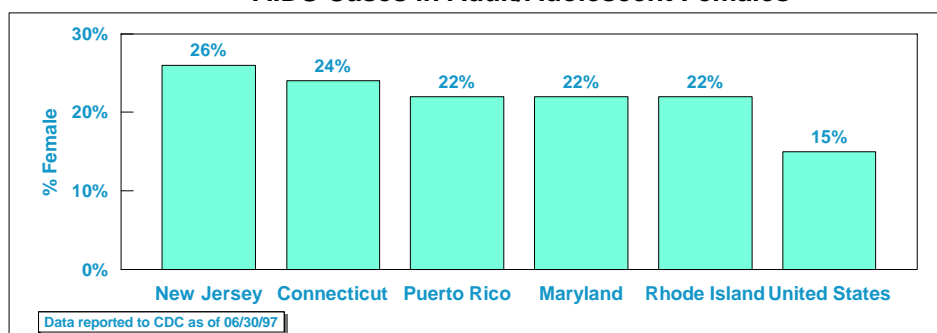
(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) MSM = Male sex with male. IDU = Injection drug use.

**Figure 1. Top Five States and US by Percentage of
AIDS Cases in Adult/Adolescent Females**



**Table 6. New Jersey Adult/Adolescent (1) AIDS Cases
Mode of Transmission by Sex and Racial/Ethnic Group,
Cumulative Data as of December 31, 1997**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	3,809	48%	2,286	18%	1,150	27%	0	0%	0	0%	0	0%
IDU	2,640	33%	7,499	58%	2,078	48%	968	51%	3,242	53%	502	37%
MSM/IDU	422	5%	732	6%	232	5%	0	0%	0	0%	0	0%
Hemophilia	114	1%	26	0%	20	0%	2	0%	0	0%	0	0%
Heterosexual	256	3%	833	6%	283	7%	549	29%	1,847	30%	604	45%
Transfusion	128	2%	53	0%	24	1%	93	5%	98	2%	27	2%
Other/Unknown	605	8%	1,544	12%	527	12%	269	14%	900	15%	215	16%
Total	7,974	100%	12,973	100%	4,314	100%	1,881	100%	6,087	100%	1,348	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases
Adjusted (2) Mode of Transmission by Sex and Racial/Ethnic Group
Cumulative Data as of December 31, 1997**

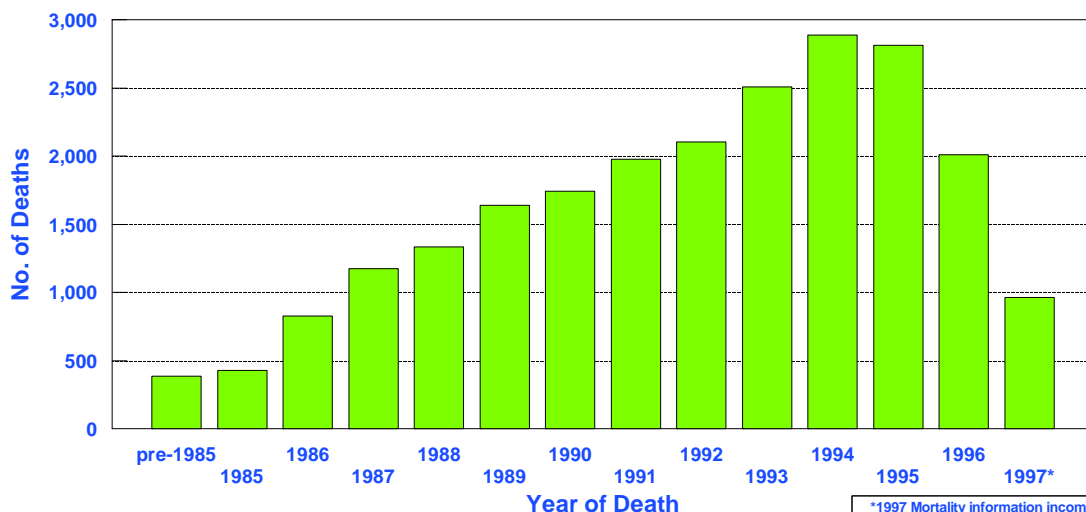
Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,163	52%	2,809	22%	1,328	31%	0	0%	0	0%	0	0%
IDU	2,763	35%	8,201	63%	2,317	54%	1,026	55%	3,573	59%	581	43%
MSM/IDU	441	6%	802	6%	256	6%	0	0%	0	0%	0	0%
Heterosexual	316	4%	1,039	8%	353	8%	713	38%	2,373	39%	729	54%
Blood Related	264	3%	97	1%	50	1%	124	7%	133	2%	35	3%
Others	27	0%	25	0%	10	0%	17	1%	8	0%	3	0%
Total (2)	7,974	100%	12,973	100%	4,314	100%	1,881	100%	6,087	100%	1,348	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Figure 2. New Jersey AIDS Cases as of December 31, 1997
Number of Deaths by Year of Death**



**Table 8. New Jersey AIDS Cases Reported January 1997-December 1997
Racial/Ethnic Group by Sex, and Cumulative Totals
Data as of December 31, 1997**

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	555	26%	7,974	31%	176	17%	1,881	20%	731	23%	9,855	28%	19%
Black	1,175	54%	12,973	51%	684	67%	6,087	65%	1,859	58%	19,060	55%	32%
Hispanic	417	19%	4,314	17%	156	15%	1,348	14%	573	18%	5,662	16%	24%
Asian/Pac. Isl.	10	0%	85	0%	3	0%	32	0%	13	0%	117	0%	27%
Other/Unknown	3	0%	52	0%	3	0%	12	0%	6	0%	64	0%	19%
Subtotal	2,160	100%	25,398	100%	1,022	100%	9,360	100%	3,182	100%	34,758	100%	27%
Known Dead	342	16%	16,847	66%	114	11%	5,528	59%	456	14%	22,375	64%	25%
Children (2)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		Jan. 1997- Dec. 1997		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	1	7%	58	17%	2	20%	55	16%	3	12%	113	17%	49%
Black	11	73%	218	63%	5	50%	219	66%	16	64%	437	64%	50%
Hispanic	3	20%	67	19%	3	30%	58	17%	6	24%	125	18%	46%
Other/Unknown	0	0%	1	0%	0	0%	2	1%	0	0%	3	0%	67%
Subtotal	15	100%	344	100%	10	100%	334	100%	25	100%	678	100%	49%
Known Dead	4	27%	220	64%	0	0%	212	63%	4	16%	432	64%	49%
Total Known Dead	346	16%	17,067	66%	114	11%	5,740	59%	460	14%	22,807	64%	25%
(1) Includes all patients 13 years of age or older at time of diagnosis. (2) Includes all patients under 13 years of age at time of diagnosis.													

Table 9. HIV Reports Received Through December 31, 1997

Anonymous Reports	1,249	
Unduplicated Reports with Identifiers	<u>22,929</u>	
Total Number of Reports	24,178	
Reports with Identifiers		22,929
Out of State Reports	355	
Missing Data/Under Investigation	46	
Changed to AIDS Classification	<u>9,323</u>	
		9,724
Number HIV Reports Included in Tables		13,205

**Table 10. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County
Cumulative Data as of December 31, 1997**

	Living with HIV (not AIDS)		Living with AIDS		Total	
County of Residence	No.	(%)	No.	(%)	No.	(%)
Atlantic	627	5%	507	4%	1,134	5%
Bergen	334	3%	537	4%	871	4%
Burlington	179	1%	146	1%	325	1%
Camden	526	4%	422	3%	948	4%
Cape May	83	1%	75	1%	158	1%
Cumberland	183	2%	138	1%	321	1%
Essex	3,818	32%	3,529	28%	7,347	30%
Gloucester	101	1%	78	1%	179	1%
Hudson	1,488	12%	1,915	15%	3,403	14%
Hunterdon	32	0%	43	0%	75	0%
Mercer	459	4%	362	3%	821	3%
Middlesex	544	4%	727	6%	1,271	5%
Monmouth	642	5%	616	5%	1,258	5%
Morris	142	1%	259	2%	401	2%
Ocean	186	2%	206	2%	392	2%
Passaic	1,011	8%	1,079	9%	2,090	8%
Salem	73	1%	44	0%	117	0%
Somerset	125	1%	177	1%	302	1%
Sussex	31	0%	33	0%	64	0%
Union	811	7%	994	8%	1,805	7%
Warren	29	0%	31	0%	60	0%
Incarcerated	650	5%	686	5%	1,336	5%
Unknown County	37	0%	25	0%	62	0%
Total	12,111	100%	12,629	100%	24,740	100%

**Table 11. New Jersey HIV Reports With Identifiers
Pediatric Reports (1), Distribution of Mode Of Transmission (2)
Cumulative Data as of December 31, 1997**

	Male		Female		Total	
Mode of Transmission	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	1	0%	0	0%	1	0%
Mother With/At Risk of AIDS (3)	558	98%	557	98%	1115	98%
Transfusion, Blood Components	1	0%	4	1%	5	0%
Other/Unknown	8	1%	8	1%	16	1%
Total	568	100%	569	100%	1,137	100%

(1) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from infected mother to her fetus or infant during the perinatal period.

**New Jersey HIV Reports with Identifiers
Data as of December 31, 1997**

Table 12. Racial/Ethnic Group by Sex

Race/Ethnicity	Adults/Adolescents (1)						Females	Children (2)						Females
	Male		Female		Total		as % of	Male		Female		Total		as % of
	No.	(%)	No.	(%)	No.	(%)	row total	No.	(%)	No.	(%)	No.	(%)	row total
White	1,559	21%	792	17%	2,351	19%	34%	67	12%	68	12%	135	12%	50%
Black	4,140	56%	3,003	64%	7,143	59%	42%	395	70%	395	69%	790	69%	50%
Hispanic	1,515	21%	803	17%	2,318	19%	35%	101	18%	104	18%	205	18%	51%
Other/Unknown	172	2%	84	2%	256	2%	33%	5	1%	2	0%	7	1%	29%
Total	7,386	100%	4,682	100%	12,068	100%	39%	568	100%	569	100%	1,137	100%	50%

Table 13. Adult/Adolescent Reports, Distribution of Mode of Transmission

Mode of Transmission (3) Adults/Adolescents (1)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
MSM	1,481	20%	0	0%	1,481	12%	0%
IDU	3,059	41%	1,725	37%	4,784	40%	36%
MSM/IDU	314	4%	0	0%	314	3%	0%
Hemophilia	28	0%	0	0%	28	0%	0%
Heterosexual	602	8%	1,403	30%	2,005	17%	70%
Transfusion	27	0%	53	1%	80	1%	66%
Other/Unknown	1,872	25%	1,500	32%	3,372	28%	44%
Total	7,383	100%	4,681	100%	12,064	100%	39%

Table 14. Adult/Adolescent Reports, Adjusted (4) Distribution of Mode of Transmission

Mode of Transmission (3) Adults/Adolescents (1)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
MSM	2,356	32%	0	0%	2,356	20%	0%
IDU	3,681	50%	2,165	46%	5,846	48%	37%
MSM/IDU	387	5%	0	0%	387	3%	0%
Heterosexual	821	11%	2,304	49%	3,125	26%	74%
Blood Related	100	1%	164	4%	264	2%	62%
Other/Unknown	41	1%	47	1%	88	1%	53%
Total (4)	7,383	100%	4,681	100%	12,064	100%	39%

Table 15. Age at Diagnosis of HIV Infection

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	540	7%	535	10%	1,075	8%
5-12	28	0%	34	1%	62	0%
13-19	81	1%	173	3%	254	2%
20-29	1,665	21%	1,515	29%	3,180	24%
30-39	3,340	42%	2,085	40%	5,425	41%
40-49	1,761	22%	702	13%	2,463	19%
50-59	415	5%	156	3%	571	4%
Over 60	121	2%	50	1%	171	1%
Unknown	3	0%	1	0%	4	0%
Total	7,954	100%	5,251	100%	13,205	100%

(1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.

(2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

Adjusted Mode of Transmission. Several tables (Tables 5, 7, and 14) reflect **adjustments** in reported transmission category. These adjustments are necessary because of the continuing increase in reports submitted with no indication of HIV exposure. In the adjusted tables, reports received with unknown risk are reallocated to other categories, based on field investigations of unknown and selected other risks. The proportions in the corresponding standard tables (Tables 4, 6, and 13) can be misleading due to the larger numbers of unreported transmission categories. The adjusted tables provide a better picture of actual transmission patterns and provide information for prevention and education efforts. Because of small cell sizes and unstable estimates, the Hemophilia and Transfusion categories in the adjusted tables are combined into the Blood Related category.

New Trends in HIV/AIDS Reporting. The Centers for Disease Control and Prevention recommend that all states conduct reporting of HIV cases as an extension of AIDS case reporting. Although each state requires reporting of AIDS cases by name, only 31 states require named reporting of HIV only (not AIDS) cases. Twenty-six of these, including New Jersey, have named reporting of all cases--adult, adolescent and pediatric--while the other five only cover certain of these groups.

Currently, New Jersey has 13,205 HIV and 35,436 AIDS records in its surveillance database. Since the inception of HIV reporting, 22,574 named HIV reports of New Jersey residents have been received; some of these have progressed to AIDS. New Jersey has had named reporting of HIV cases since 1992, but has also offered anonymous testing through selected Counseling and Testing Sites. HIV and AIDS reporting is conducted with legal protections and concomitant administrative measures to protect patient confidentiality.

Because the average time for progression from HIV to AIDS has been ten years, the profile of AIDS cases has presented a ten-year old snapshot of the epidemic. Lately, however, new medications not only are slowing the progression from HIV to AIDS, but are also allowing AIDS patients to live longer. Since this further extends the snapshot back into the past; the profile of HIV reporting presents a much more recent picture of HIV infection in the United States, and more accurately reflects the changing demography and risk behaviors that are driving the epidemic. This information, in turn, informs prevention efforts and helps to determine where scarce resources should be directed to combat HIV disease.

* Visit the N.J. Department of Health and Senior Services WEB Site. This report and information on available resources can be viewed or downloaded. The address is www.state.nj.us/health.

* To be added to our mailing list or to request other data or information, contact us at 609-984-5940 or e-mail sjc@doh.state.nj.us.